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**Product Data Sheet**

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Product Name: AMPD2 inhibitor 1

Cat. No.: GC31229

**Chemical Properties**

Cas. No. 2139356-35-5

SMILES C[C@H](C1=C2C=CC=CC2=CC=C1)NCC3=CC=C(C4=NC=C(C(O)=O)C=C4)C=C3Formula  $C_{25}H_{22}N_2O_2$  M.Wt 382.45

Solubility DMSO : 33.33 mg/mL (87.15 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

AMPD2 inhibitor 1 is an adenosine monophosphate deaminase 2 (AMPD2) inhibitor, used in the research of sugar craving, salt craving, umami craving, and addictions including drug, tobacco, nicotine and alcohol addictions.

[1]. Richard J. Johnson, et al. Targeting amp deaminase 2 for ameliorating craving for sugar and other substances. WO2017180743A1.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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